

Amendments to the Claims

Please amend the claims according to the following listing of the claims.

1 – 11. (Canceled)

12. (Previously Presented) A system mountable in a motor vehicle effective in preventing manipulation of a memory module functional in operating a control device of a component of said vehicle, comprising:

means for reading an identifier stored in a first memory module functional in operating said control device;

means for storing said identifier in a read only memory of said system;

means for reading an identifier stored in a second memory module intended to replace an installed memory module, functional in operating said control device; and

means for authenticating said second memory module by comparing the identifier of said second memory module with the identifier stored in said read only memory.

13. (Previously Presented) A system according to claim 12 wherein said read only memory comprises a one-time programmable module.

14. (Previously Presented) A system according to claim 12 including a microprocessor provided with said storing and authenticating means.

15. (Previously Presented) A system according to claim 14 wherein said storing means of said system comprises a one-time programmable module.

16. (Previously Presented) A system according to claim 15 wherein said storing means comprises a flash memory.

17. (Previously Presented) A system according to claim 15 including means for encrypting data stored in said storing means which can be decrypted by a key comprising said identifier.

18. (Previously Presented) A system according to claim 12 wherein said control device comprises one of a group consisting of the engine, transmission, turbocharger, oil cooler and brake control devices of said vehicles.

19. (Currently Amended) A method of preventing manipulation of a memory module provided in a system, functional in operating a control device of a motor vehicle component, comprising:

storing a readable identifier in a first memory module connectable to said system, functional in operating said control device;

reading said identifier stored in said first memory module; storing said read identifier in a second memory, wherein the second memory is a read only memory;

reading an identifier stored in a third memory module intended to replace said first memory module; and

authenticating said third memory module by comparing said identifier of said second memory with said identifier stored in said third memory.

20. (New) A system mountable in a motor vehicle effective in preventing manipulation of a memory module functional in operating a control device of a component of said vehicle, comprising:

a microcomputer configured to read an identifier stored in a first memory module functional in operating said control device, to store said identifier in a read only memory of said system, and to read an identifier stored in a second memory module intended to replace an installed memory module, functional in operating said control device,

wherein the microcomputer comprises an authentication unit configured to authenticate said second memory module by comparing the identifier of said second memory module with the identifier stored in said read only memory.